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A Genetic Test of Glucuronidase in Bladder Cancer.

Levels of β -glucuronidase, α -galactosidase, β -galactosidase and β -hexosaminidase are being evaluated in the urine of normal individuals, bladder cancer patients, bladder cancer patients in remission and relatives of bladder cancer patients. The object is to determine whether the elevated urinary β -glucuronidase levels characteristic of this disease are a cause or a consequence of the disease. This distinction will be made by a genetic analysis comparing the relatives of bladder cancer patients with their parents and with an appropriate control population.

Activation Date: July 1, 1976

Current Grant Level: \$54,112.

1005075450